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# COMMONWEALTH of VIRGINIA

Department of Health Richmond, Va. 23219

JAMES B. KENLEY, M.D. COMMISSIONER

Preliminary Assessments on Virginia Sites Owned by the Reynolds Metals Company

### Sites Number Listing

VAD065375735 = VA-212 VAD000819532 = VA-213 VAD000819540 = VA-214 VAD039048103 = VA-215 VAD039048046 = VA-216 VAD039048160 = VA-217 VAD041518663 = VA-218 VAD980552285 = VA-219

#### Prepared for

Unites States Environmental Protection Agency - Region III Hazardous Waste Management Division

Prepared by

Bureau of Solid Waste Management Virginia State Department of Health Richmond, VA 23219

March 1984







# COMMONWEALTH of VIRGINIA

JAMES B. KENLEY, M.D. COMMISSIONER

Department of Health Richmond, Va. 23219

March 22, 1984

Mr. Darius C. Ostrauskas Environmental Scientist USEPA - Region III Sixth and Walnut Streets Philadelphia, PA 19106

Dear Darius:

Attached is a draft of our report, "Preliminary Assessments on Virginia Sites Owned by the Reynolds Metals Company."

If you have any questions or comments regarding the contents of this report, please call me.

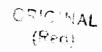
Sincerely,

Acting Director

Bureau of Solid Waste Management

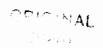
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#### Summary and Conclusion

A preliminary assessment was made on various sites in Virginia owned by the Reynolds Metals Company. A site visit was made during January 1984 by the State Health Department at all these facilities. Information sources used were generally qualitative, for in most cases data specific to each site were unavailable and judgement was necessary. Sites 212, 213, 214, and 219 were recommended for "No Action Needed." Sites 215, 216 and 218 were found to show no obvious adverse impacts on public health during the site inspections. However, it is recommended that a site inspection be performed at sites 215, 216 and 218 due to possible effects on public health or the environment.

Underground solvent storage tanks located at the Bellwood Print Plant (VA-215) should be monitored for leakage due to the presence of twenty to thirty domestic wells located within a half mile radius of these tanks. In addition, the landfill located to the rear of the Reclamation Plant (VA-216) showed a brown-rust colored leachate emerging.

At the Reynolds Grottoes Plastic Plant (VA-218), the underground waste alcohol storage tanks are twenty to thirty years old. There are many domestic wells located within a two-mile radius of this plant and the town of Grottoes takes its water supply from wells located less than a mile to the Northeast.



#### Introduction

The Reynolds Metals Company, headquartered in Richmond, Virginia, operates a number of facilities in the State of Virginia. This report reviews and evaluates all of the facilities currently on the USEPA Region III Dumpsite Number Listing for their potential as a hazardous waste site.

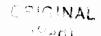
The first of the facilities is the North Plant (VA-212), a aluminum foil fabrication and containerization facility. An additional plant, the South Plant (VA-217), is engaged in the manufacturing of plain and coated aluminum foil. Both of these plants are located in the City of Richmond boundaries in an industrial section along the James River.

The major facility in the Richmond area is the Reynolds Metals Bellwood complex, on Reyment Road, east of Interstate 95 and North of Proctor's Creek in Chesterfield County, Virginia. Four plants make up the Bellwood complex which began operation in 1948 with the Bellwood Reclamation Plant (VA-216). This plant is considered as a secondary aluminum operation in that various types of aluminum scraps are remelted, i.e., reclaimed at the facility. Also found in this complex is the Bellwood Printing Plant (VA-215). This plant has been in operation since 1958 and has been producing labels and packaging since that time. The basic process is to laminate paper or cardboard to foil, print, cut and package labels and print carton material. In addition to these facilities in this complex, Reynolds operates an extrustion plant (VA-213) and the Bellwood #44 plant (VA-214) in which aluminum sheet is rolled into various grades of thickness.

Another facility Reynolds Metals owns is Southern Gravure Service Inc.

(VA-219) located in Henrico County, Virginia, on Sprouse Drive and Settler

Road. The process used in this facility is printing by the rotogravure



method. Briefly, art work is transferred to a photographic representation on film. The film is used to expose a resist on a copper plated cylinder, etched by a bath solution, proofed, chrome plated, and finally shipped.

Finally, Reynolds Metals owns and operates the Grottoes Plastics Plant (VA-218) in the City of Grottoes, Augusta County, Virginia. The plant manufactures synthetic thermoplastic from polyvinyl chloride polymer. Major production is of FDA approved food and pharmaceutical packing materials.

### Chapter 2

### Problem Definition

The Preliminary Assessment is used to document the information initially available concerning a given site and to determine the necessity for and priority of a more in-depth Site Inspection.

General goals of the Preliminary Assessment are to:

- 1. determine whether wastes reported thru NOTIS are a potential or real threat to public health and/or the environment;
- 2. identify any waste or disposal of waste which should have been reported under NOTIS and to determine if a potential or real threat to health and/or the environment exists; and
- to provide information, data and recommendation for further investigation to determine the nature and extent of suspected or known contamination.

The Reynolds Metals Company, Environmental Control Department completed CERCLA 103(c) notification forms for their respective plants and thus was listed on the USEPA potential site inventory.

NOTIS comments and listings of types of waste at the facilities were nonspecific as to amounts and specific kinds of chemicals used. Potential
problems reported such as solvents, acids, spent plating bath solution, waste
oil, septic tank drainfield, etc., were either closed out or all liquid,
semi-liquids and sludges were being disposed of in an out-of-state disposal
facility or being used as fuel supplements in other kinds of manufacturing
process.

#### Chapter 3

#### Geology and Soils

The Bellwood Complex (VA-213-216) is located just to the east of the Fall Zone, which is the eastern edge of the Piedmont Physiographic Province. The Fall Zone separates the igneous and metamorphic rocks of the Piedmont from the sediments of the Coastal plain. The Bellwood Complex is underlain by the Columbia Group which consists of Quaternary and Tertiary Regressive sands and gravels to a depth of about 13.7 meters. Below the Columbia Group lies the Patuxent Formation, which consist of cross bedded sands and poorly sorted sands and gravels characteristic of a fluvial depositional system. The Petersburg Granite lies beneath the above formation and is found at a depth of 21.3 meters.

The original soils for the Bellwood Complex are of the Grinitney-Atlee series, which are deep, well drained soils that have a clayey or loamy subsoil on the uplands. These soils were formed in a coastal plain environment. The permability is slow in the subsoil due to the clay and the available water capacity is medium. The site itself has been heavily worked for industrial purposes and should be referred to as man-made soils and unclassified fill.

The Southern Gravure Plant (VA-219) is located further east of the Fall Zone than the Bellwood Complex. Underlying this facility are thick deposits of clay which are found in the uppermost layers of the Calvert Formation. The Patuxent Formation at the Southern Gravure site is found approximately 7.6 meters below mean sea level (MSL).

Soils beneath the Southern Gravure site are of the Lynchburg-Rains-Coxville Association. These soils consist of deep, somewhat poorly drained soils that have a dominatly clay loam or clayey subsoil.

The Reynolds North Plant (VA-212) and the South Plant (VA-217) are located to the west of the Fall Zone. Directly beneath the fill material and man-made soils lies Petersburg Granite.

The Reynold's Grottoes Plastics Plant (VA-218) lies in a completely different geographic province. Located on the western slope of the Blue Ridge Mountains the Grottoes Plant was built on top of alluvium deposits. The soils have been reworked for industrial purposes and thus considered "man-made." Beneath this layer of Alluvium deposits lies the alternating limestore and dolomite beds of the Elbrook and Conococheague formation.



#### Surface Waters

Chesterfield County has many streams that bisect the County, one of which is Proctors Creek. Proctors Creeks flows east immediately to the south of the Bellwood Complex (VA-213-216). This creek discharges into the James River less than a mile east of the Bellwood complex. The Reynolds North Plant (VA-212) and South Plant (VA-217) are located almost directly on the banks of the James River a few miles upstream from the Bellwood complex. The Reynolds Southern Gravure Plant (VA-219) is located in Henrico County, a few hundred yards to the west of the White Oak Swamp River which flows into the Chickahominy River.

The Reynold's Grottoes Plastic Plant (VA-218) located in Grottoes, Virginia is approximately 161 kilometers west of Richmond. The South River is located about 152.3 meters to the West from the western border of the plant. A small unnamed stream flows across the northern edge of the Grottoes Plant and discharges into the South River.

OF THE

#### Groundwaters

The groundwater east of the fall zone generally flows in a southeastern direction. The groundwater tables for the Bellwood Complex (VA-213-216) and Southern Gravure (VA-219) are very similar. There are two water tables at both sites. The uppermost water table is located about 3.0 meters below the surface at the Southern Gravure Plant, and about 4.0 meters below the surface at the Bellwood complex. The lower aquifer is beneath a clay layer and is found in the Patuxent formation. The Patuxent formation is located 18.3 meters above mean sea level at the Bellwood complex and is 7.6 meters below mean sea level at the Southern Gravure Plant. There is little if any groundwater beneath the North (VA-212) and South Plants (VA-217). These plants are located on banks of the James River and are built on top of the Petersburg Granite.

The groundwater beneath the Grottoes Plant (VA-218) flows in a westerly direction towards the South River. Depth to bedrock is about 6.1 meters. The main water bearing drinking aquifer is located 80.7 meters below the surface.

#### Potable Water Supply

The Bellwood Complex (VA-213-216) and surrounding area is supplied by a municipal water system or has city water available. The water is obtained from the Falling Creek Reservior located at least two miles northwest of the site. Although most homes in the area are hooked up on the municipal system, the Chesterfield County Health Department estimates that at least twenty domestic well are located within a half mile radius of the site.

The Southern Gravure Plant (VA-219) is located in a sparsely populated area. The plant itself is serviced by city water and sewer service, but only a minority of residences derive potable water from the City. The Henrico County Health Department estimates that as many as seventy domestic wells are located in the area.

The Reynolds North plant (VA-212) and South plant (VA-217) are located within the corporate limits of the City of Richmond. The City of Richmond supplies both of these plants with water from a municipal system. The municipal system derives its water from the James River from an intake located two kilometers upstream from the facility.

The town of Grottoes is supplied water by a municipal system. The system draws its water from two wells located three quarters of a mile to the North East of the Reynolds Grottoes plant. These wells are up gradient from the Reynolds Grottoes Plastics Plant (VA-218). The water bearing aquifers are located at 80.7 meters and 103 meters below the surface. There are at least three private wells within one half mile of the site but most homes derive their potable water from the municipal source.



Chapter 4

# Demographic Distibution

	Bellwood Complex (VA-213-216)	Southern Gravure (VA-219)	North and South (VA-212/217)	Grottoes (VA-218)
Henrico County		180,735		
Chesterfield County	141,372			
City of Richmond	219,214	219,214	219,214	
City of Grottoes				1,369
l mile Radius	990	150	25,200	1,500
2 mile Radius	2,050	350	60,000	1,800
3 mile Radius	6,440	700	90,000	2,290

(Data based on 1980 Census)

# Land Use

All of the Reynolds Metals Plants (VA-212-219) have been built in areas zoned for industrial use. There are no plans by Reynolds Metals to discontinue operations at any of the plants.

ORIGINA

### Chapter 5

## Climate and Meteorology

The Central Virginia Area has a warm continental climate. The average annual rainfall is about 1118 mm. and the average air temperature is between 10°C and 15.5°C. At the Grottoes Plant the average temperature is only 2°C - 3°C cooler and rainfall data is similar. The mean value for the evapotranspiration is 39 inches per year. Therefore, the net water budget is about 5 inches per year.

#### Chapter 6



### Sensitive and Critical Habitats

A sensitive environment is a region that contains important biological resources or is a fragile natural setting that would suffer serious damage if hazardous substances were to be released from the facility. Wetlands are classified as sensitive environments as defined by EPA in 40 CFR, Part 230, Appendix A, 1980. A critical habitat is classified by EPA to contain an endangered species as designated by the U. S. Fish and Wildlife Service.

Environmental impacts on a critical ecosystem as defined above were not observed at any Reynolds Metals facilities discussed in this report.

**SEPA** 

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION

SITE NUMBER (to be as signed by Hq)

III

VA-212

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complet Assessment), File this form in the R Agency; Site Tracking System; Hazan	Regional Hazardous Waste Lo	og File and su	ıbmit a cop	ov to: U.S. E	Environ	nmental Protection			
	I. SITE IDENTIFICATION								
A. SITE NAME		B. STREET (or		tifier)		MIGINA.			
Reynolds Metals North Pla	ant	Eleventh	and By	rd Street	ts	(Red)			
C. CITY		TY NAME							
Richmond		VA	23219		N/A"				
G. OWNER/OPERATOR (if known)  1. NAME  Reynolds Metals Company, Richmond, VA 23261  (804) 281-2918									
H. TYPE OF OWNERSHIP	3. COUNTY4. MUNIC		PRIVATE	☐6. UNKN	номи				
Active aluminum foil cont	intermination and f		ion	-1					
Active aluminum foil cont  J. HOW IDENTIFIED (i.e., citizen's complete)		Oll Tabili	cation	plant.		K. DATE IDENTIFIED			
	,					(mo., day, & yr.)			
Section 103(c) CERCLA Not	ification					June 1981			
1. NAME						HONE NUMBER			
	tate Health Dept.,				(804)	225-2822			
II.  N. APPARENT SERIOUSNESS OF PROBL	PRELIMINARY ASSESSMEN	NT (complete t	his section	n last)					
1. HIGH		5. (	UNKNOWN						
B. RECOMMENDATION  1. NO ACTION NEEDED (no hazard)  3. SITE INSPECTION NEEDED		9. TEN	ITATIVELY	E INSPECTION SCHEDULED					
a. TENTATIVELY SCHEDULED F	OR:	b. WILL	_ BE PERF	FORMED BY:					
b. WILL BE PERFORMED BY:		4. SITE	INSPECTIO	ON NEEDED (Id	ow prio	prity)			
C. PREPARER INFORMATION									
1. NAME Robert Wichser, Kevin Gre	eene	(804)	225-28 225-28	835	3	January 1984			
NODGE HEGISSES III		FORMATION		002					
A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)	2. iNACTIVE (Those sites which no longer receive wastes.)	(Those sites the	R (specify): that include continuing u	such incidents	e like ' for was	"midnight dumping" where ste disposal has occurred.)			
B. IS GENERATOR ON SITE? 1. NO Site is cla	区区 2. YES (specify general assified as non-RCR			): 3352					
C. AREA OF SITE (in acres)	D. IF APPARENT SERIOUSNI  1. LATITUDE (degminsec			CIFY COORDI		_			
36.0									
E. ARE THERE BUILDINGS ON THE SITE?  I. NO XX2. YES (specify): Please refer to page #15-1, photograph #1-1.									

Con	tinued	From	Front

Col	Continued From Front														
IV. CHARACTERIZATION OF SITE ACTIVITY															
	Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.														
' X '	A. TRANSPOR	TEI	₹	Ĭ.		B. S	TORER	X	C. TREATER	•		Χ'			ISPOSER
Н	1. RAIL				PILE			Ц	1. FILTRATION			-	1. LANDFI		
-	2. SHIP						IMPOUNDMENT	L	2. INCINERATION			_	2. LANDFA	_	
Н	3. BARGE			-	DRUMS			Н	3. VOLUME REDUCTION			_	S. OPEN D		
	4. TRUCK			14.	TANK,	AB	OVE GROUND	_	4. RECYCLING/RECO	VE	RY	_	4. SURFAC	EI	MPOUNDMENT
Ш	5. PIPELINE			5.	TANK,	BE	LOW GROUND		5. CHEM./PHYS. TRE	ATI	MENT		8. MIDNIGH	T	DUMPING
Ш	6. OTHER (specify):			<b></b>	OTHER				6. BIOLOGICAL TREA	TM	ENT	_	6. INCINER	101	
							fer to		7. WASTE OIL REPRO	CE	SING		7. UNDERG	UND INJECTION	
	''N/A''				ge #1.		•		8. SOLVENT RECOVE	RY			8. OTHER (	spe	clfy):
				pho	otogr	ap	h #1-1.	$\vdash$	9. OTHER (specify):		1				
									"N/A"		- 1			*	'N/A''
F	SPECIFY DETAILS	O.F.	SITE AC	TIVI	TIES AS	NF	FDFD	_							
The site is presently an active aluminum foil containerization and foil fabrication plant.															
							V. WASTE RELAT	E	INFORMATION	,					
Ã.	WASTE TYPE						REEN								
æ	X 1. UNKNOWN X	<b>≩</b> 2.	LIQUID		3.	. sc	OLID4.	SLU	JDGE5. G	AS					
в.	WASTE CHARACTER	RIST	rics												
_		] 2.	CORRO	SIVE	. шз.	, IG	NITABLE4.	RAI	DIOACTIVE5. H	IGH	LY VO	LA	TILE		
	G TOXIC	7.	REACT	IVE	<b>8</b> .	IN	ERT 9.	FL	AMMABLE						
	10. OTHER (specify):														
	WASTE CATEGORIE			2 6-			auch na maeifacta i		-torios etc. below				*		
1	. Are records of waste	es a	vailable	e? Spe	ecify ite	ms	such as manifests, i	nve	entories, etc. below.						
Υє	es, Inventori	es													
2	. Estimate the amo	unt	(specify	y unit	t of mea	su	re) of waste by cat	ego	ory; mark 'X' to indic	ate	which	w	stes are p	res	ent.
	a. \$LUDGE			OIL	I		c. SOLVENTS	Ť	d. CHEMICALS	Γ	e. S			Γ	f. OTHER
ΑM	OUNT	АМ	OUNT			AM	IOUNT	AMOUNT AMOUN			NUDI			AM	OUNT
Ú	IIT OF MEASURE	UN	IT OF M	EASU	JRE	UNIT OF MEASURE		Ü	UNIT OF MEASURE UN		UNIT OF MEASURE			UNIT OF MEASURE	
'x'	(1) PAINT, PIGMENTS	'X'	(1) OIL			'X'	(1) HALOGENATED SOLVENTS		(1) A CIDS	'x'	(1) FLY	' A 5	н	'x'	(1) LABORATORY PHARMACEUT.
-		-						+		Н				$\vdash$	
	(2) METALS SLUDGES			,	pecify):		(2) NON-HALOGNTI SOLVENTS	1	(2) PICKLING LIQUORS	Ц	(2) ASE	ES	TOS		(2) HOSPITAL
	(3) POTW		N	/A''		xx	(3) OTHER(specify)		(3) CAUSTICS		MIN MIN		NG/ TAILINGS		(3) RADIOACTIVE
	(4) A LUMINUM SLUDGE						OTIS indi-		(4) PESTICIDES		(4) FEF		OUS . WASTES		(4) MUNICIPAL
	(5) OTHER(specify):					h	ates site andled		(5) DYES/INKS		(5) NOI	N- F	ERROUS G. WASTES		(5) OTHER(specify):
	"N/A"					w	olvent-type aste from		(6) CYANIDE	_			R(specify):		"N/A"
	1942 to 1980.						"N/A"			Α''					
								(8) HALOGENS							
									(9) PCB						
									(10) METALS						
								F	(11) OTHER(specify)						
								1	11x7 / A 11	1				ı	

### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Statement by C. Bent (Reynolds employee) indicated waste from this facility was placed in (1) Shoesmith, (2) Richmond City, and (3) Chesterfield County landfills.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

None.

(Red)

VI. HAZARD DESCRIPTION									
A. TYPE OF HAZARD	HA	B. OTEN TIAL XXAR	D	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS			
1. NO HAZARD	2	кхх			GRADOVAN S	Probability of the Control of the Co			
2. HUMAN HEALTH			7						
3. NON-WORKER INJURY/EXPOSURE									
4. WORKER INJURY									
5. CONTAMINATION 6. OF WATER SUPPLY									
6. CONTAMINATION 6. OF FOOD CHAIN									
7. CONTAMINATION OF GROUND WATER									
8. CONTAMINATION OF SURFACE WATER									
9. DAMAGE TO FLORA/FAUNA									
10. FISH KILL		$\prod$							
11. CONTAMINATION OF AIR		$\bigvee$							
12. NOTICEABLE ODORS									
13. CONTAMINATION OF SOIL		$\perp$							
14. PROPERTY DAMAGE		Д							
15. FIRE OR EXPLOSION		Ц							
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS									
17. DRAIN PROBLEMS									
16. EROSION PROBLEMS									
19. INADEQUATE SECURITY			1						
20. INCOMPATIBLE WASTES	$\coprod$	<del></del>	1		1				
21. MIDNIGHT DUMPING									
22. OTHER (epecify):	L								

	VII, PERMIT INFORMATION									
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.										
1. NPDES PERMIT										
XX 4. AIR PERMITS	_	5. LOCAL PERMIT 6. RCRA TRANSPORTER								
7. RCRA STORER 8. RCRA TREATER 9. RCRA DISPOSER										
10. OTHER (epecity):										
B. IN COMPLIANCE?										
XX 1. YES 2. NO 3. UNKNOWN										
4. WITH RESPECT TO	O (list regula	ation name & n	umber,	: Clean Air	Act, 72 U.S.C. 7401					
		V	III. P	AST REGULATO	RY ACTIONS					
XX A. NONE	B. YE	S (aummarize E	below)	•						
		IX. IN:	SPEC	TION ACTIVITY	(past or on-going)					
IX. INSPECTION ACTIVITY (past or on-going)										
A. NONE XX B. YES (complete items 1,2,3, & 4 below)										
1. TYPE OF ACTIVI	TY	2. DATE OF PAST ACTIO (mo., day, & y	N C	8. PERFORMED BY: (EPA/State)	4. DESCRIPTION					
Superfund		1-5-84		Virginia	Assess potential hazardous waste site.					
		Y	R F M I	FDIAL ACTIVITY	(past or on-going)					
		Λ.	K E M I	DIAL ACTIVITI	(pact of on going)					
XX A. NONE	B. YES	(complete iten	na 1, 2	2, 3, & 4 below)						
1. TYPE OF ACTIVE	ITY	2. DATE OF PAST ACTIO (mo., day, & y	N	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION					
NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.										

EPA Form T2070-2 (10-79)

**\$EPA** 

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be assigned by Hq)

III

VA-213

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

Agency; Site Tracking System; Hazar	dous Waste Enforcement	Task Force (E	N-335); 401 M St.,	SW; Washi	ington, DC 20460.					
	I. SITE IDI	ENTIFICATIO								
A. SITE NAME		`	or other identifier)		W.CINE					
Reynolds Metals Bellwood I	Extrusion Plant		met Road	T =	KIGINA.					
C. CITY		D. STATE	E. ZIP CODE		ITY NAM(Red)					
Richmond VA 23234 Chesterfield G. OWNER/OPERATOR (if known)										
1. NAME				2. TELE	PHONE NUMBER					
Reynolds Metals Company (804) 281-2918										
Reynolds Metals Company H. TYPE OF OWNERSHIP				(004)	201-2910					
	3. COUNTY 4. MUN	ICIPAL XX	S. PRIVATE6	. UNKNOWN						
I. SITE DESCRIPTION										
This plant is part of the	Bellwood Complex	. Aluminu	ım is extrude	d to de	sired size.					
J. HOW IDENTIFIED (i.e., citizen's compl	aints, OSHA citations, etc.)				K. DATE IDENTIFIED (mo., day, & yr.)					
Section 103(c) CERCLA Not:	ification				June 1981					
L. PRINCIPAL STATE CONTACT					BUONE NUMBER					
1. NAME				ļ	PHONE NUMBER					
B. Wright, Va. St.					225-2822					
II.	PRELIMINARY ASSESSM	ENT (complete	this section last)							
1. HIGH		E5	. UNKNOWN							
B. RECOMMENDATION										
xx1. NO ACTION NEEDED (no hazard)		2. IMM a. TE	EDIATE SITE INSPE INTATIVELY SCHE	CTION NEE	EDED R:					
3. SITE INSPECTION NEEDED  a. TENTATIVELY SCHEDULED FO	OR:	b. WI	LL BE PERFORME	BY:	<del></del>					
b. WILL BE PERFORMED BY:										
		4. SITE	E INSPECTION NEE	DED (low pr	iority)					
C. PREPARER INFORMATION										
1. NAME		12€€	45°2225-2835°		3. DATE (mo., day, & yr.)					
Robert Wichser, Kevin Gre	ene	(804	4) 225-2802		January 1984					
	III. SITE I	NFORMATION	(							
A. SITE STATUS		. = ]								
1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)		ve) (Those sites			o "midnight dumping" where aste disposal has occurred.)					
B. IS GENERATOR ON SITE?										
□ 1. NO	XX 2. YES (specify ger	nerator's four-d	igit SIC Code): 3	354						
•	ied as non-RCRA				····					
C. AREA OF SITE (in acres)	D. IF APPARENT SERIOUS  1. LATITUDE (degmin-s	NESS OF SITE			ES -minsec.)					
171.0	N 38°60'00"		W 23	°15'00"						
E. ARE THERE BUILDINGS ON THE SITE										

~	Continued From Front												
								OF SITE ACTIVITY					
	Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.												
'X'	. A. TRANSPOR	TE	R	X1	в.	STORER	×	C. TREATER	₹	ř	D. DIS		DISPOSER
	1. RAIL			1. PILI	<u> </u>			1. FILTRATION		1. LANDF		LANDFILL	
	2. SHIP			2. SUR	FACI	E IMPOUNDMENT		2. INCINERATION			2. LANDFA	RN	4
	3. BARGE			3. DRU	MS			3. VOLUME REDUCTION			3. OPEN D	N DUMP	
	4. TRUCK			4. TAN	K, AI	BOVE GROUND		4. RECYCLING/RECO	VERY		4. SURFAC	E	MPOUNDMENT
	5. PIPELINE			5. TAN	к, в	LOW GROUND		5. CHEM./PHYS. TRE	ATMEN	NT.	S. MIDNIGH	1 T	DUMPING
	6. OTHER (specify):		·	6. OTH	ER (	specify):		6. BIOLOGICAL TREA		_	6. INCINER		
					,	,		7. WASTE OIL REPRO					OUND INJECTION
	"N/A"				11	N/A''	-	8. SOLVENT RECOVE		-	8. OTHER		
	N/A					N/A	_	9. OTHER (specify):			D. OTHER (	(ep	<i></i>
ŀ													
	"N/A" "N/A"											'N/A <b>''</b>	
E.	SPECIFY DETAILS	OF	SITE AC	TIVITIES	AS N	EEDE <b>D</b>							
Т	This site is part of the Bellwood Complex. Aluminum is extruded to desired size.												
-						V. WASTE RELAT	ED	INFORMATION					
Α.	WASTE TYPE												
	1. UNKNOWN	]2.	LIQUID		]3. s	OLID4. :	sLu	DGE5. G	AS	"N	/A''		
в.	WASTE CHARACTER	RIS"	rics				_	****					
	]1. UNKNOWN	] 2.	CORRO	SIVE _	3. 10	GNITABLE4.	RAD	DIOACTIVE 5. H	IGHLY	VOLA	TILE		
	6. TOXIC	7.	REACT	VE _	]8. 11	NERT 9.	FLA	MMABLE					
_													
_	10. OTHER (specity): 'N/A''												
	C. WASTE CATEGORIES 1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.												
	n= /												
_	N/A''			., .									
2	. Estimate the amou	unt	(specify	unit of m	eası	re) of waste by cat	ego	ry; mark 'X' to indic	ate wh	ich w	astes are p	res	sent.
	a, SLUDGE	<u> </u>		OIL		c. SOLVENTS	$\perp$	d. CHEMICALS		e. SOI	_IDS		f. OTHER
AM	OUNT	AΜ	OUNT		^'	TOUNT	^	MOUNT	AMCI	INT		A٨	MOUNT
		<u> </u>		<del>,</del>	_						L		
UN	IIT OF MEASURE	UN	IT OF M	EASURE	U	UNIT OF MEASURE		NIT OF MEASURE	UNIT OF MEASURE		UNIT OF MEASURE		
L_,					1		┸					L	
'X'	(1) PAINT,	'X'	(1) OIL	<u> </u>	'X'	T///// PCOGEMY / FD	Ľ×	(1) ACIDS	'X'		(1) FLYASH		(1) LABORATORY
$\sqcup$	PIGMENTS	_	HA5	. 53	$\perp$	SOLVENTS	1					L	"PHARMACEUT.
	(2) METALS SLUDGES	-	(2) OTH	ER(specify	·):	(2) NON-HALOGNTE SOLVENTS	·	(2) PICKLING LIQUORS	(2)	ASBE	STOS		(2)HOSPITAL
	(3) POTW		"1	1/A''		(3) OTHER(specify)	1	(3) CAUSTICS		MILL	NG/ TAILINGS	Γ	(3) RADIOACTIVE
$\Box$	(4) A LUMINUM							(A) PECTICIOS	140	FERR	0U <b>5</b>	$\vdash$	(4) MINISTER
	SLUDGE					"N/A"	-	(4) PESTICIDES	(4)	SMLT	G. WASTES	$\vdash$	(4) MUNICIPAL
	(5) OTHER(specify):						L	(8) DYES/INKS	<u> </u>	3M L 1	FERROUS G. WASTES		(5) OTHER(specify):
	"N/A"							(6) CYANIDE	(6)	OTHE	R(specify):		"N/A"
								(7) PHENOLS "N/A"			/A"		
								(8) HALOGENS					
								(9) PCB					
								(10) METALS					·
							F	(11) OTHER (apacify)					
		ı						11 / - 11				I	

#### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

All waste generated prior to 1980 would have been placed in the landfill located behind the Reclamation Plant (VA-216).

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

There were no visible signs of a potential hazardous waste problem.

RIGINAL

(Ped)

						( <u>Kea</u> }
				VI. HAZ	ARD DESCRIPTI	ION
A. TYPE OF HAZARD		B. OTEN IAL ZAR	D	C. ALLEGED INCIDENT (mos, day, yr.)		E. REMARKS
1. NO HAZARD		xxx				The state of the s
2. HUMAN HEALTH			$\Box$			
3. NON-WORKER INJURY/EXPOSURE						
4. WORKER INJURY						
5. CONTAMINATION 5. OF WATER SUPPLY						
6. CONTAMINATION 6. OF FOOD CHAIN						
7. CONTAMINATION OF GROUND WATER						
8. CONTAMINATION 8. OF SURFACE WATER						·
9. DAMAGE TO 9. FLORA/FAUNA		M				
10. FISH KILL		$\prod$				
11. CONTAMINATION OF AIR		V				
12. NOTICEABLE ODORS		V				
13. CONTAMINATION OF SOIL		$\Lambda$				
14. PROPERTY DAMAGE		Δ				
15. FIRE OR EXPLOSION		П				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS						
17. SEWER, STORM DRAIN PROBLEMS						
18. EROSION PROBLEMS	Ш					
19. INADEQUATE SECURITY						
20. INCOMPATIBLE WASTES					1	
21. MIDNIGHT DUMPING						
22. OTHER (specify):						

VII. PERMIT INFORMATION										
A. INDICATE ALL APPLI	CABLE PERMITS HELD B	Y THE SITE.								
1. NPDES PERMIT										
4. AIR PERMITS	4. AIR PERMITS 5. LOCAL PERMIT 6. RCRA TRANSPORTER									
7. RCRA STORER	7. RCRA STORER 8. RCRA TREATER 9. RCRA DISPOSER									
10. OTHER (specify)	'N/A''									
B. IN COMPLIANCE?										
1. YES	2. NO	3. UNKNOWN	"N/A"							
4. WITH RESPECT T	O (list regulation name & n	umber):								
	V	III. PAST REGULATO	RY ACTIONS							
XX A. NONE	B. YES (summarize	below)								
-										
	IV IV	COECTION ACTIVITY	Z							
	14, 10	SPECTION ACTIVITY	(past or on-going)							
A. NONE	XX B. YES (complete item	ns 1,2,3, & 4 below)								
1. TYPE OF ACTIV	2. DATE O PAST ACTIO (mo., day, &)	ON BY:	4. DESCRIPTION							
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site							
	X.	REMEDIAL ACTIVITY	(past or on-going)							
XX A. NONE	8. YES (complete ite	ms 1, 2, 3, & 4 below)								
	2.DATE O									
1. TYPE OF ACTIV	PAST ACTIO	ON BY:	4. DESCRIPTION							
			l							
NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II)										
	n the first page of this	•	out die 1 121-many 1122-22 (							

EPA Form T2070-2 (10-79)

SEPA

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION

SITE NUMBER (to be as signed by Hq)

III

VA-214

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.									
Assessment). File this form in the R	GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.								
	I. SITE IDE	NTIFICATION			· · · · · · · · · · · · · · · · · · ·				
A. SITE NAME		B. STREET (or	other iden	tifier)					
Reynolds Metals Bellwood	Plant #44	1701 Reym							
C. CITY		D. STATE	E. ZIP C		NTY NAME				
Richmond G. OWNER/OPERATOR (if known)		VA	23234	Chest	erfield				
1. NAME  2. TELEPHONE NUMBER									
Reynolds Metals Company									
H. TYPE OF OWNERSHIP									
1. FEDERAL2. STATE	3. COUNTY 4. MUNIC	CIPAL XX 5. I	PRIVATE	6. UNKNOWN	1				
I. SITE DESCRIPTION									
Active manufacturing faci	lity in which alum	inum sheet	is ro	lled into va	rious grades of				
thickness.  J. HOW IDENTIFIED (i.e., citizen's comp.	Plaints OSHA citations, etc.)				K. DATE IDENTIFIED				
THOW IDENTIFIED (MODE COMMON OF THE	iame, com chancie, c.c.,				(mo, day, & yr.)				
Section 103(c) CERCLA Not	ification				June 1981				
L. PRINCIPAL STATE CONTACT	de de per se se se se se se se				WATER TO THE PARTY OF THE PARTY				
1. NAME									
B. Wright, Va. State Health Dept., Solid Waste Management (804) 225-2822									
·	PRELIMINARY ASSESSME	NT (complete, th	his sectio	on last)					
1. APPARENT SERIOUSNESS OF PROBL	_	<u> </u>	JNKNOWN						
			MKHO III.						
B. RECOMMENDATION									
XX 1. NO ACTION NEEDED (no hazard)				E INSPECTION NEE					
3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED F	OR:	b. WILL	BE PERI	FORMED BY:					
THE REPEOPMED BY:									
b. WILL BE PERFORMED BY:		4. SITE !!	NSPECTIO	ON NEEDED (low pr	riority)				
				-					
4									
C. PREPARER INFORMATION 1. NAME		. 2. TELE	BUONE N		3. DATE (mo., day, & yr.)				
		(854)	225-2	835					
R. Wichser, K. Greene	III cite i	(804)	225-2	802	January 1984				
A. SITE STATUS	III. SITE IN	FORMATION							
XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)	2. INACTIVE (Those sites which no longer receive wastes.)		hat include	such incidente like	e "midnight dumping" where vaste disposal has occurred.)				
B. IS GENERATOR ON SITE?			· ·						
□1.NO Site is clas	xx 2. YES (specify general serified as a non-RC	_		): 3341 					
C. AREA OF SITE (in acres)	D. IF APPARENT SERIOUSN	ESS OF SITE IS	HIGH, SPE	ECIFY COORDINAT	res				
!	1. LATITUDE (degminsec	c.)	2.	LONGITUDE (deg	-min.—sec.)				
171.0	N 38°60'00"		,	W 23°15'00"					
E. ARE THERE BUILDINGS ON THE SIT	E?								
1. NO XX 2. YES (specify)	'): Please refer to		Shàt	coronh #3-1.					
	TIEASE TETEL LU	hage TID-1	, phot	Ograpu wo .+	,				

	IV. CHARACTERIZATION OF SITE ACTIVITY														
Inc	dicate the major site	a	ctivity(	ies	) and deta	ils	relating to each a	cti	vity by marking 'X' is	n th	e app	rop	riate boxes	•	
, x ,	, A. TRANSPOR	TE	₹	×	1	a. s	TORER	×	C. TREATER	ł		'X'	D	. D	ISPOSER
	1. RAIL			L	1. PILE		,	Ц	1. FILTRATION				1. LANDFIL	<u>.</u> L	
Ш	2. SHIP			L	2. SURFA	CE	IMPOUNDMENT	Ц	2. INCINERATION				2. LANDFA	ANDFARM	
	3. BARGE			L	3. DRUMS	UMS 3. VOLUME REDUCTION		ON			3. OPEN DI	JMF			
	4. TRUCK			L	4. TANK,	ΑB	OVE GROUND	Ц	4. RECYCLING/RECO	VER	Y		4. SURFAC	E II	MPOUNDMENT
	5. PIPELINE				5. TANK.	BE	LOW GROUND	Ц	8. CHEM./PHYS. TRE	ATM	ENT		5. MIDNIGH	T	DUMPING
	6. OTHER (specify):			L	6. OTHER	(8)	pecify):	Ц	6. BIOLOGICAL TREA	TME	NT		6. INCINER	ΑT	ION
-	•								7. WASTE OIL REPRO	CES	SING		7. UNDERG	RO	UND INJECTION
								_	8. SOLVENT RECOVE	RY			B. OTHER (	ape	city):
				l				Ш	9. OTHER (specify):						
'n/a" 'n/a"									''N/A''				1	'N	/A"
E.	SPECIFY DETAILS	0F	SITE A	CTI	VITIES AS	NE	EDED								
The site is an active manufacturing facility.															
				_		٠,	V. WASTE RELAT	Eu	INFORMATION	í					
Α.	WASTE TYPE						Y. HAJIE RELAI		INI VAMATIVA						
1. UNKNOWN2. LIQUID3. SOLID															
₽.	WASTE CHARACTER	RIS.	rics												
	1. UNKNOWN 2. CORROSIVE 3. IGNITABLE 4. RADIOACTIVE 5. HIGHLY VOLATILE														
6. TOXIC 7. REACTIVE 8. INERT 9. FLAMMABLE															
C. WASTE CATEGORIES															
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.															
	''N/A''														
٦,	2. Estimate the amou	unt	(specif	y n	nit of mea	Su	re) of waste by cat	egn	ory; mark 'X' to indic	ate	which	w	astes are n	res	ent.
<del> </del>	a. SLUDGE	<u> </u>	·	OIL			c. SOLVENTS	T	d. CHEMICALS	<u> </u>			IDS		f. OTHER
AM	10UNT	AM	OUNT			AMOUNT			MOUNT	АМ	CUNT			AM	OUNT
UN	NIT OF MEASURE	UN	IT OF N	AE A	SURE	UNIT OF MEASURE			NIT OF MEASURE	UNIT OF MEASURE			EASURE	UN	IIT OF MEASURE
'X'	(1) PAINT, PIGMENTS	'X'	(1) OIL	Y	5	'X'	(1) HALOGENATED SOLVENTS	1,	(' (1) A CIDS	'X'		I) FLYASH		'x'	(1) LABORATORY PHARMACEUT.
Н		$\vdash$	ļ			-		+		$\vdash$				$\vdash$	
	(2) METALS SLUDGES	$\vdash$	(2) O T H	IEF	(specify):		(2) NON-HALOGNTE SOLVENTS	<u>}</u>	(2) PICKLING LIQUORS	(2) A S E		BE	STO <b>S</b>	L	(2) HOSPITAL
	(3) POTW		11	N/	A''		(3) OTHER(specify)		(3) C AUSTICS		3) MII MIN		NG/ TAILINGS		(3) RADIOACTIVE
	(4) ALUMINUM SLUDGE						"N/A"		(4) PESTICIDES		(4) FE SM	RR	OUS G. WASTES		(4) MUNICIPAL
	(5) OTHER(specify):								(5) DYES/INKS		(5) NO	N-F	FERROUS G. WASTES		(5) OTHER(specify):
	"N/A"								(6) CYANIDE	П	(6) O T	HE	R (specify):		"N/A"
									(7) PHENOLS			"n/A"			
									(8) HALOGENS				-		
									(9) PCB						
									(10) METALS						
								F	(11) OTHER (specify)						
	+	I						1	11 N / A 11	1					

## V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

All waste generated prior to 1980 would have been placed in the landfill located behind the Reclamation Plant (VA-216).

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

There were no signs of a potential hazardous waste problem.

RIGINA.

			VI. HAZ	ARD DESCRIPTI	ON
A. TYPE OF HAZARD	B. POTEN- TIAL HAZARI (mark 'X'	,	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo,,day,yr,)	E. REMARKS
1. NO HAZARD	xxx				The state of the s
2. HUMAN HEALTH		$\neg$			
3. NON-WORKER 3. NOURY/EXPOSURE					
4. WORKER INJURY		Ш			
5. CONTAMINATION OF WATER SUPPLY			•		
6. CONTAMINATION 6. OF FOOD CHAIN					
7. CONTAMINATION OF GROUND WATER					
8. CONTAMINATION 8. OF SURFACE WATER					
9. DAMAGE TO FLORA/FAUNA					
10. FISH KILL					
11. CONTAMINATION OF AIR					
12. NOTICEABLE ODORS	V				
13. CONTAMINATION OF SOIL					
14. PROPERTY DAMAGE					
15. FIRE OR EXPLOSION					
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS					
17. SEWER, STORM DRAIN PROBLEMS					
18. EROSION PROBLEMS					
19. INADEQUATE SECURITY					
20. INCOMPATIBLE WASTES				1	
21. MIDNIGHT DUMPING					
22. OTHER (specify):					

Continued From Front										
VII, PERMIT INFORMATION										
A. INDICATE ALL APPLI	CABLE PERMITS HELD I	BY THE SITE.								
1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	(specify):							
4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPO	RTER							
7. RCRA STORER	8. RCRA TREATER	R . RCRA DISPOSEF	ł							
10. OTHER (specify):	. ''N/A''									
B. IN COMPLIANCE?										
1. YES	2. NO	3. UNKNOWN	"N/A"							
4. WITH RESPECT T	O (list regulation name &	number):								
		VIII. PAST REGULATO	RY ACTIONS							
A. NONE	B. YES (summarize	below)								
		''N/A'	1							
	IX. 1	NSPECTION ACTIVITY	(past or on-going)							
A. NONE	A. NONE XX B. YES (complete items 1,2,3, & 4 below)									
1. TYPE OF ACTIV	2. DATE (PAST ACT (mo., day, &	TION BY:	4. DESCRIPTION							
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site							
	L	. REMEDIAL ACTIVITY	(nest or on-doind)							
		The state of the s	(Pass of San							
XX A. NONE	B. YES (complete it	tems 1, 2, 3, & 4 below)								
1. TYPE OF ACTIV	Z. DATE PAST ACT (mos, day, &	TION BY:	4. DESCRIPTION							
	NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II)									
information c	on the first nage of th	is form								

EPA Form T2070-2 (10-79)



# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION

SITE NUMBER (to be assigned by Hq)

III

VA-215

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complet Assessment), File this form in the R Agency; Site Tracking System; Hazan	Regional Hazardous Waste I	Log File and su	ubmit a copy to: U	J.S. Enviro	onmental Protection					
	I. SITE IDE	ENTIFICATION	1							
A. SITE NAME			r other identifier)		ORIG MA					
Reynolds Metals Bellwood	Printing Plant	1	met Road		1000					
C. CITY		D. STATE	E. ZIP CODE	F. COUN	TY NAME					
Richmond		VA	23234	Ches	terfield					
G. OWNER/OPERATOR (if known)										
1. NAME				2. TELE	PHONE NUMBER					
Reynolds Metals Company				(804)	) 281-2918					
H. TYPE OF OWNERSHIP				<del>-</del>						
1. FEDERAL 2. STATE	3. COUNTY 4. MUN	ICIPAL XX 5.	PRIVATE6.	UNKNOWN						
I. SITE DESCRIPTION					\(\text{\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\exitt{\$\text{\$\}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}					
Active manufacturing plan	nt producing label	ls and pack	caging.							
J. HOW IDENTIFIED (i.e., citizen's comp	laints, OSHA citations, etc.)				K. DATE IDENTIFIED					
(mos, day, & yts)										
Section 103(c) CERCLA No	tification				June 1981					
L. PRINCIPAL STATE CONTACT 1. NAME					PHONE NUMBER					
B. Wright, Va. State Health Dept., Solid Waste Management (804) 225-2822										
	PRELIMINARY ASSESSME	ENT (complete	this section last)							
1. APPARENT SERIOUSNESS OF PROBL	EM									
1. HIGH 2. MEDIUM	3. LOW3. NONE	₤5.	UNKNOWN							
B. RECOMMENDATION  XX 1. NO ACTION NEEDED (no hazard)			DIATE SITE INSPEC							
3. SITE INSPECTION NEEDED  a. TENTATIVELY SCHEDULED F	OR:	b. WIL	L BE PERFORMED	BY:						
b. WILL BE PERFORMED BY:										
		4. SITE	INSPECTION NEED	ED (low pri	iority)					
C. PREPARER INFORMATION					the state of the state of the state of					
1. NAME			225-2835		3. DATE (mo., day, & yr.)					
Robert Wichser, Kevin Gr	eene	\ \ 8ŏ4\	) 225 <b>-</b> 2835 ) 225 <b>-</b> 2802		January 1984					
	III. SITE I	NFORMATION								
A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently,)	2. INACTIVE (Those sites which no longer receiv wastes.)	re (Those sites t			"midnight dumping" where aste disposal has occurred.)					
B. IS GENERATOR ON SITE?				M., M.						
1. NO	XX 2. YES (specify gen	erator's four-dig	it SIC Code): 275	51						
C. AREA OF SITE (in acres)	D. IF APPARENT SERIOUS 1. LATITUDE (degminse		HIGH, SPECIFY CO							
171.0	N 38°60'00"		W 23°1	15'00"						
E. ARE THERE BUILDINGS ON THE SITE										
1. NO XX 2. YES (specify)	): Please refer to	page #15-7	7, photograph	n #3-3.						

تن	The cuana excellent activity												
T= .	IV. CHARACTERIZATION OF SITE ACTIVITY  Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.												
'X'	ncate the major site	activity(1	x and det	allS	retating to each a	×	vicy by marking A 1	n me app	x d	1	•		
Î	A. TRANSPOR	TER	х	B. S	STORER	Ê	C. TREATER	₹	Ê	1 0		ISPOSER	
	1. RAIL		1. PILE			_	1. FILTRATION		┞	1. LANDE		***************************************	
$\vdash$	2. SHIP		<del></del>		IMPOUNDMENT	H	2. INCINERATION		┞	2. LANDFA	_		
_	3. BARGE		X 3. DRUM			-	3. VOLUME REDUCTION		⊢	3. OPEN D	_		
	4. TRUCK		<del>                                     </del>		OVE GROUND	L	4. RECYCLING/RECO		┞	<del> </del>		MPOUNDMENT	
	5. PIPELINE		<del>                                     </del>		LOW GROUND	┞	5. CHEM./PHYS, TRE		╀	5. MIDNIGH			
H	6. OTHER (specify):		6. OTHE	R (s	pecity):	⊢	6. BIOLOGICAL TREA		⊢	6. INCINER			
l	"N/A"					7. WASTE OIL REPROCESSING 7. UNDERGROUND INJECTION							
l						$\vdash$	8. SOLVENT RECOVE 9. OTHER (specify):	RY	┝	B. OTHER	spe	city):	
l						┝			1		117	N/A''	
ĺ	"N/A"											.,	
E.	SPECIFY DETAILS	OF SITE AC	TIVITIES A	SNE	EEDED	I			Ь	<del> </del>			
Т	he Bellwood P	rinting	Plant h	nas	been in ope	era	ation since 195	8 and	h	as been	<b>p</b> 1	roducing	
							asic process is						
	ardboard to f							_		1	1		
۱		P			F		•						
┪	_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				V. WASTE RELAT	ΓEΙ	DINFORMATION	,		<u>-</u>			
Α.	WASTE TYPE												
	]1. UNKNOWN	]2. LIQUID	3	. sc	DLID XX4.	SLI	JDGE5. G	AS					
В,	WASTE CHARACTER	RISTICS						···					
ĸ	X 1. UNKNOWN	2. CORRO	SIVE XX3	. IG	NITABLE 4.	RA	DIOACTIVE 5. H	IGHLY V	oL/	TILE			
_		7. REACT	_		=		AMMABLE						
6. TOXIC 7. REACTIVE 8. INERT XX9. FLAMMABLE													
10. OTHER (specify):													
C. WASTE CATEGORIES													
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.													
Y	es, Manifests	, Inver	tories										
2	2. Estimate the amo	unt(specif	y unit of me	asu	re) of waste by cat	ege	ory; mark 'X' to indic	ate whic	h w	astes are p	res	ent.	
	a. SLUDGE	ь.	OIL		c. SOLVENTS	Т	d. CHEMICALS		so	LIDS		f. OTHER	
AM	OUNT	AMOUNT		1	OUNT	7	MOUNT	WILL WILL	Г		A٨	OUNT	
1	0,000				77,000/yr.	$\perp$					L		
	**	UNIT OF N	ÉASURÉ		IT OF MEASURE	ľ	INIT OF MEASURE	UNIT OI	UNIT OF MEASURE			IIT OF MEASURE	
p	ounds			٤	gal.	1		<u> </u>			L		
'X'	(1) PAINT, PIGMENTS	X' (1) OIL	Y Tes	'X'	(1) HALOGENATED SOLVENTS	·	(1) A CIDS	'X'	.ΥΑ	sh	' <u>x'</u>	(1) LABORATORY PHARMACEUT.	
	(2) METALS	(2) 0.74	ER(specify):		(2) NON-HALOGNT		(2) PICKLING	1			Т		
	SLUDGES	1,2,014	Entabecity):	х	SOLVENTS	٦1	LIQUORS	(2) AS	BE	STOS		(2) HOSPITAL	
		n <sub>N</sub>	/A''	х	(3) OTHER(specify)		(-)	(3) MI	LL	ING/	Γ		
	(3) POTW						(3) CAUSTICS			TAILINGS	L	(3) RADIOACTIVE	
	(4) ALUMINUM				sopropy1/	Γ	(4) 5555161556	(4) F	ERF	ous			
	SLUDGE	İ		Ac	cetate	1	(4) PESTICIDES	(4) SN	IL T	G. WASTES		(4) MUNICIPAL	
X	(5) OTHER(specify):			Не	eptane		(5) DYES/INKS	(B) NO	on-	FERROUS G. WASTES		(5) OTHER (specify):	
ı	Adhesives			To	luene	+		<b>_</b>		R(specify):	1		
ı	Printing			Ιs	sopropy1		(6) CYANIDE	J-iJ.				"N/A"	
Γ.	Inks			Alcohol "N/A"									
				(//FRENOLS									
				$ Y_1 $	ropyl Alcohol	<u>ا</u> ا	(8) HALOGENS						
				Sc	olvent Formul	La	TO, THE COURT						
				(9) PCB									
						L	1						
9							(10) METALS						
						-		}					
						+	(11) OTHER(specify)	1					
		ı		1		- 1	11 / - 11				í		

#### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hezerd).

Quantities of adhesives, printing inks, etc., amount to approximately 40,000#/day. Liquid waste amounts to approximately 77,000 gal/yr comprised of 70% liquid and 30% solids in the form of pigments. Drum storage and status at this facility needs review under RCRA program. There were no visible signs of a potential hazardous waste problem in the area.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Underground Solvent (toluene and other non-halogenated waste) storage tanks should be addressed.

		VI. HAZ	ARD DESCRIPT	ion (Re
A. TYPE OF HAZARD	B. POTEN- TIAL HAZARD (mark 'X')	INCIDENT	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS
1. NO HAZARD			4.0	And the second s
2. HUMAN HEALTH				
3. NON-WORKER 3. INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION F. OF WATER SUPPLY				
6. CONTAMINATION 6. OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	Х			Potential exists for underground metal storage tanks to leak.
8. CONTAMINATION OF SURFACE WATER				
9. FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				,
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			Potential exists for underground metal storage tanks to leak.
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION	i			,
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES			1	
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

Continue	d From	Front

VII. PERMIT INFORMATION										
A. INDICATE ALL APPLIC	CABLE PERMITS HELD B	THE SITE.								
XX 1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	(spacify):							
4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPO								
7. RCRA STORER	8. RCRA TREATER									
10. OTHER (specify):										
B. IN COMPLIANCE?										
1. YES 2. NO 3. UNKNOWN										
4. WITH RESPECT TO	O (list regulation name & n	umber):								
VIII, PAST REGULATORY ACTIONS										
A. NONE	B. YES (summarize !	oelow)								
Reynolds Metals Company entered under a Concert Decree with the Virginia Air Board on omissions at the Bellwood Complex.										
IX. INSPECTION ACTIVITY (past or on-going)										
A. NONE B. YES (complete items 1,2,3, & 4 below)										
1. TYPE OF ACTIV	2. DATE OF PAST ACTION (mo., day, &.)	ON BY:	4. DESCRIPTION							
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site.							
	х.	REMEDIAL ACTIVITY	(past or on-going)							
XX A. NONE	B. YES (complete item	ns 1.2.3. & 4 below)								
1. TYPE OF ACTIV	2. DATE O	F 3. PERFORMED	4. DESCRIPTION							
	NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.									

EPA Form T2070-2 (10-79)

This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information

submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries

**SEPA** 

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION S

SITE NUMBER (to be assigned by Hq)

TTT

VA-216

and on-site inspections. GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460. I. SITE IDENTIFICATION A. SITE NAME B. STREET (or other identifier) CARTE A. Reynolds Metals Bellwood Reclamation Plant 1711 Reymet Road F. COUNTY NAME D. STATE E. ZIP CODE C. CITY VA 23224 Chesterfield Richmond G. OWNER/OPERATOR (if known) 2. TELEPHONE NUMBER Reynolds Metals Company (804) 281-2918 H. TYPE OF OWNERSHIP 2. STATE 3. COUNTY 4. MUNICIPAL XX 5. PRIVATE 6. UNKNOWN 1. FEDERAL I. SITE DESCRIPTION Active facility used for smelting of aluminum. J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) K. DATE IDENTIFIED (mo., day, & yr.) June 1981 Section 103(c) CERCL Notification L. PRINCIPAL STATE CONTACT 1. NAME 2. TELEPHONE NUMBER State Health Dept., Solid Waste Management (804) 225-2822 B. Wright, Va. II. PRELIMINARY ASSESSMENT (complete this section last) . APPARENT SERIOUSNESS OF PROBLEM XX4. NONE 5. UNKNOWN 1. HIGH 2. MEDIUM 3. LOW B. RECOMMENDATION 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: XX 1. NO ACTION NEEDED (no hazard) 3. SITE INSPECTION NEEDED b. WILL BE PERFORMED BY: A. TENTATIVELY SCHEDULED FOR: h. WILL BE PERFORMED BY: 4. SITE INSPECTION NEEDED (low priority) C. PREPARER INFORMATION 1. NAME 2. TELEPHONE NUMBER 3. DATE (mo., day, & yr.)  $\binom{804}{804}$ January 1984 Robert Wichser, Kevin Greene III. SITE INFORMATION A. SITE STATUS 2. INACTIVE (Those 3. OTHER (specify): (Those sites that include such incidents like "midnight dumping" where XX 1. ACTIVE (Those industrial or sites which no longer receive municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infreno regular or continuing use of the site for waste disposal has occurred.) wastes.) quently.) B. IS GENERATOR ON SITE? XX 2. YES (specify generator's four-digit SIC Code): 3341 1. NO D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES C. AREA OF SITE (in acres) 2. LONGITUDE (deg.-min.-sec.) 1. LATITUDE (deg.-min.-sec.) N 38°60'00" W 23°15'00" 171.0 E. ARE THERE BUILDINGS ON THE SITE? 2. YES (specify): Please refer to page #15-8, photograph #3-4.

	IV. CHARACTERIZATION OF SITE ACTIVITY														
_	licate the major site	ac	tivity(i		and deta	ils	relating to each a	cti	vity by marking 'X' is	n th			iate boxes	•	
' x '	A. TRANSPORT	TER		x X		в. 9	STORER	.x.	C. TREATER	₹		'×'	D	. р	ISPOSER
	1. RAIL			_	1. PILE			Ц	1. FILTRATION		$\dashv$	_	I. LANDFIL	-L	
	2. SHIP			x i	2. SURFA	CE	IMPOUNDMENT	Ц	2. INCINERATION			-	2. LANDFA		
	3. BARGE			ļ!	3. DRUMS	•		Ц	3. VOLUME REDUCTION	ON		_	OPEN DUMP		
	4. TRUCK			1	4. TANK,	A B	OVE GROUND		4. RECYCLING/RECO	VER	Y	_	4. SURFAC	MPOUNDMENT	
	5. PIPELINE			_	5. TANK,	BE	LOW GROUND		5. CHEM./PHYS. TRE	ATM	ENT	_	5. MIDNIGHT DUMPING		
$\Box$	6. OTHER (specify):			Ľ	6. OTHER	8 (8	pecify):		6. BIOLOGICAL TREA				. INCINER		
	"N/A"								7. WASTE OIL REPRO	CES	SING	_	7. UNDERG	RO	UND INJECTION
	N/A			ŀ		8. SOLVENT RECOVERY a. OTHER (apacity):							cify):		
				1				ш	9. OTHER (specify):		- 1				
	"n/A"										N/A"				
E.	SPECIFY DETAILS	OF:	SITE AC	TIV	ITIES AS	NE	EDED				•				
Т	his facility	re	claim	ns	alumin	ıur	n from scraps	s a	nd produces in	ngo	ts v	vhi	ch in t	uı	n are
	onverted to f									0,5					
	lease refer t		-					_	·						
Ĺ			T F 011			-									
							V. WASTE RELAT	ED	INFORMATION						
Α.	WASTE TYPE														
		2.	LIQUID		<b>XX</b> 3.	. sc	DLID XX4.	SLU	DGE5. G	AS					
В.	WASTE CHARACTER	RIST	ICS												
X	X 1. UNKNOWN ☐	2.	CORRO	SIVE				RAC	DIOACTIVE 5. H	IGHI	_Y VO	LA	TILE		
	6. TOXIC	7.	REACT	IVE	<b>8</b> .	. IN	ERT 9.	FLA	MMABLE						
	10. OTHER (specify):														
C. WASTE CATEGORIES															
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.															
Y	es, Inventori	es	•												
				y un	it of mea	su	re) of waste by cat	ego	ry; mark 'X' to indic	ate	which	we	stes are p	res	ent.
	a. SLUDGE		ь.	OIL			c. SOLVENTS	T	d. CHEMICALS		e. S	OL	IDS		f. OTHER
AM	OUNT	A M	TNUC			AN	TOUNT	A	MOUNT	AM	Tאניס			АМ	OUNT
-	400/yr.	L_						1						38,000	
ÜN	IT OF MEASURE	UNI	T.OF N	EAS	SURE	UN	IT OF MEASURE	Ü	NIT OF MEASURE	UNIT OF MEASURE		UNIT OF MEASURE			
t	ons	L.,						$\perp$						cu. yd.	
'X'	(1) PAINT, PIGMENTS	'X'	(1) OIL WAS	Y TES		'X'	(1) HALOGENATED SOLVENTS		(1) A CIDS	·×'	1) F L Y	YAS	н	'X'	(1) PHARMACEUT.
	(2) METALS SLUDGES		(2) O T H	ER(	specify):		(2) NON-HALOGNTS	<b>.</b>	(2) PICKLING LIQUORS	П	(2) AS	BE <b>S</b>	TO5		(2) HOSPITAL
$\vdash$						-		+	<del> </del>	H	(0)			Н	
	(3) POTW		111	N/A	A'''	-	j(3) OTHER(specify)	Ĺ	(3) CAUSTICS	Ц	MIN MIN		NG/ FAILINGS	Ш	(3) RADIOACTIVE
	(4) A LUMINUM SLUDGE						"N/A"		(4) PESTICIDES		(4) FE	RRC	OUS . WASTES		(4) MUNICIPAL
X X	(5) OTHER(specify):						14 / 13		(5) DYES/INKS		(5) NO	N•F	ERROUS . WASTES	х	(5) OTHER(specify):
	rbon Solids							$\vdash$		-			(specify):		stimate of
an	d Aluminum								(6) CYANIDE	الم	.5, 5 11		, opecity).	L	andfill
	nes S=25.50%)								(7) PHENOLS		11	N/.	A''	Co	ontents
								(8) HALOGENS							
									(9) PCB						
									(10) METALS						
								F	(11) OTHER(specify)						
		ı						1		1				l	

### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Please refer to Page #11-1.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

"N/A"

ORIO HA.

				VI. HAZ	ARD DESCRIPTI	ON (E).
A. TYPE OF HAZARD	HA	B. DTEN TIAL ZAR	D	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS
1. NO HAZARD	3	xx				
2. HUMAN HEALTH			7			
3. NON-WORKER 3. INJURY/EXPOSURE			I			
4. WORKER INJURY				1		
B. CONTAMINATION B. OF WATER SUPPLY			T			
6. CONTAMINATION 6. OF FOOD CHAIN						
7. CONTAMINATION OF GROUND WATER						
8. CONTAMINATION 8. OF SURFACE WATER						
9. DAMAGE TO 9. FLORA/FAUNA		$\prod$				
10. FISH KILL		$\bigvee$				
11. CONTAMINATION OF AIR		$\bigvee$				
12. NOTICEABLE ODORS						
13. CONTAMINATION OF SOIL		$\Lambda$				
14. PROPERTY DAMAGE		Λ				
15. FIRE OR EXPLOSION		$\prod$				•
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS						
17. SEWER, STORM DRAIN PROBLEMS						
18. EROSION PROBLEMS						
19. INADEQUATE SECURITY						
20. INCOMPATIBLE WASTES					1	
21. MIDNIGHT DUMPING						
22. OTHER (specify):						

Continued From Front											
VII. PERMIT INFORMATION											
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.											
1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	specify):								
XX4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPO	RTER								
7. RCRA STORER	8. RCRA TREATER	9. RCRA DISPOSER	1								
10. OTHER (specify)	:										
B. IN COMPLIANCE?											
XX1. YES	2. NO	3. UNKNOWN									
4. WITH RESPECT T	4. WITH RESPECT TO (list regulation name & number):										
		III. PAST REGULATO	RY ACTIONS								
A. NONE	XX B. YES (summarize										
			id Waste Management								
1981 <b>–</b> Closure r	equirements for	Sanitary Landfi	11 Permit #140.								
	IX. IN	SPECTION ACTIVITY	(past or on-going)								
A. NONE XXB. YES (complete items 1,2,3, & 4 below)											
1. TYPE OF ACTIV	2 DATE O PAST ACTI (mo, day, &)	ON BY:	4. DESCRIPTION								
_											
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site								
	X.	REMEDIAL ACTIVITY	(past or on-going)								
XX A. NONE	B. YES (complete ite	ms 1, 2, 3, & 4 below)									
1. TYPE OF ACTIV	2. DATE O		4. DESCRIPTION								
	(mo., day, &										
NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II)											
information on the first page of this form.											

EPA Form T2070-2 (10-79)

### V-3 Waste Related Information

Reynolds Metals has operated a landfill since 1948 (permitted in 1973 by the Virginia Department of Health, Permit #140) located in an area to the rear of the Reclamation Plant. Typical waste consists of light gauge aluminum foil lamenated with wax, plastic, etc. Also disposed in this landfill was a secondary aluminum material called dross which is a slag-type mixture fairly high in aluminum content. In addition, scrubber sludge from the multi-hearth Herreshoff furnace and charring kiln in the form of carbon and aluminum fines are pumped to one of three carbon basins located in this area for settling. Scrubber water contained with this sludge then overflows to an unlined evaporation lagoon. (Refer to Appendix C for chemical analysis on carbon sludge and process flow diagram.) Since 1973 the only material currently disposed of in the landfill is carbon solids.

Reynolds Metals stated that future plans included complete close-out (removal of material and fill-in) of the three carbon basins and lagoon. The carbon and aluminum fines discharged from air purification units would be pelletized.

Reynolds Metals is in Phase II of the final close-out of this land-fill. (Refer to page #15-8, photo #3-4.)

The existing topography of the landfill indicated that the approximate volume deposited and now consolidated is 38,000 cu. yd. The topography of the landfill indicates that the primary drainage pattern in the area of the landfill is characterized by two creeks. These creeks join Proctor's Creek which flows to the James River.

SEPA

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be as-

III

VA-217

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.											
GENERAL INSTRUCTIONS: Complete Sections I and III through Assessment). File this form in the Regional Hazardous Waste L Agency; Site Tracking System; Hazardous Waste Enforcement To	og File and sul	bmit a copy to: U.	.S. Enviro	onmental Protection							
I. SITE IDE	NTIFICATION										
A. SITE NAME		other identifier)		00.							
Reynolds Metals South Plant				eets ORIGINAL							
C. CITY	D. STATE	E. ZIP CODE	l .	TY NAME (PAS)							
Richmond G. OWNER/OPERATOR (if known)	VA	23224	N/A								
1. NAME				PHONE NUMBER							
Reynolds Metals Company, Richmond, VA 2326	1		(804)	281-2918							
H. TYPE OF OWNERSHIP  1. FEDERAL 2. STATE 3. COUNTY 4. MUNIC	CIPAL XXS.	PRIVATE6. t	UNKNOWN								
I. SITE DESCRIPTION											
Active manufacturing of plain and coated al	uminum foi	1.									
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)				K. DATE IDENTIFIED (mo., day, & yr.)							
Section 103(c) CERCLA Notification				June 1981							
L. PRINCIPAL STATE CONTACT 1. NAME			12. TELE	PHONE NUMBER							
B. Wright, Va. State Health Dept., Solid Waste Management (804) 225-2822											
II. PRELIMINARY ASSESSME			(004)	225-2022							
1. APPARENT SERIOUSNESS OF PROBLEM				·							
1. HIGH 2. MEDIUM 3. LOW XX4 NONE	5. U	JNKNOWN									
B. RECOMMENDATION											
xx 1. NO ACTION NEEDED (no hazard)		NATE SITE INSPECTATIVELY SCHEDU									
3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR:	b. WILL	BE PERFORMED I	BY:	<del></del>							
b. WILL BE PERFORMED BY:											
	4. SITE I	NSPECTION NEEDS	ED (low pri	iority)							
C. PREPARER INFORMATION											
1. NAME	12. TELE	PHONE NUMBER		3. DATE (mo., day, & yr.)							
1. NAME	(804)	225-2835		3. DATE (mo., day, & yr.)							
Robert Wichser, Kevin Greene	(804) (804)	225-2835 225-2802		January 1984							
Robert Wichser, Kevin Greene III. SITE IN	(804)	225-2835									
Robert Wichser, Kevin Greene	(804) (804) FORMATION	225-2835 225-2802 (specify): that include such incl									
Robert Wichser, Kevin Greene  III. SITE IN  A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infre—  2. INACTIVE (Those sites which no longer receive wastes.)	(804) (804) FORMATION	225-2835 225-2802 (specify): that include such incl		January 1984							
Robert Wichser, Kevin Greene  III. SITE IN  A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  B. IS GENERATOR ON SITE?  1. NO  XX 2. YES (specify general in the state of the stat	(804) (804) (804) (FORMATION  3. OTHER (Those sites the properties of contract	225-2835 225-2802 (specify): that include such include such include such include of the	site for we	January 1984							
Robert Wichser, Kevin Greene  III. SITE IN  A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  B. IS GENERATOR ON SITE?  1. NO  XX 2. YES (specify general continuing basis)  Site classified as non-RCRA general continuing basis, even if infrequently.	(804) (804) (804) (FORMATION  3. OTHER (Those sites the no regular or contract	225-2835 225-2802  (specify): that include such incontinuing use of the	3	January 1984 "midnight dumping" where aste disposal has occurred.)							
A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  B. IS GENERATOR ON SITE?  1. NO  XX 2. YES (specify gene Site classified as non-RCRA general continuing states)  C. AREA OF SITE (in acres)  D. IF APPARENT SERIOUSN 1. LATITUDE (deg.—min.—se	(804) (804) (804) (FORMATION  3. OTHER (Those sites the no regular or contract	225-2835 225-2802  (specify): that include such include such include such include of the state o	ORDINAT	January 1984 "midnight dumping" where aste disposal has occurred.)							
Robert Wichser, Kevin Greene  III. SITE IN  A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  B. IS GENERATOR ON SITE?  1. NO  XX 2. YES (specify general continuing basis)  Site classified as non-RCRA general continuing basis, even if infrequently.	(804) (804) (804) (FORMATION  3. OTHER (Those sites the no regular or contract	225-2835 225-2802  (specify): that include such incontinuing use of the	ORDINAT	January 1984 "midnight dumping" where aste disposal has occurred.)							

	IV. CHARACTERIZATION OF SITE ACTIVITY													
		ac	tivity(ie	s) and det	ails	relating to each a	cti	vity by marking 'X' is	ı th	e app	rop	riate boxes		
Х , Х,	A. TRANSPOR	TEF	, <b>.</b>	c	в. 9	STORER	×	C. TREATER	!		, x ,	D	۰ .	ISPOSER
x	1. RAIL			1. PILE				1. FILTRATION				1. LANDFIL	<u>. L</u>	
	2. SHIP					IMPOUNDMENT		2. INCINERATION			$\vdash$	2. LANDFA		
	3. BARGE			3. DRUM	s ——			3. VOLUME REDUCTION			Н	OPEN DI	JME	•
	4. TRUCK			+		OVE GROUND	Ц	4. RECYCLING/RECO			$\vdash$			MPOUNDMENT
	5. PIPELINE			+		LOW GROUND	Н	5. CHEM./PHYS. TRE.				5. MIDNIGH		
$\vdash$	6. OTHER (specify):		ŀ	6. OTHE	R (8	pecify):	$\vdash$	6. BIOLOGICAL TREA			_	6. INCINER		UND INJECTION
-	lease refer t	0					$\vdash$		_	SING	-			
	age #15-3,	1	- 1				_	8. SOLVENT RECOVE 9. OTHER (specify):	R I			B. OTHER (	ape	ichy).
P	hotograph #2-	Τ.	- 1				_			1				
								"N/A"					"	N/A"
E.	SPECIFY DETAILS	0 F	SITE AC	TIVITIES A	S NI	EEDED								
The site is presently an active plain and coated aluminum fabrication plant.														
	V. WASTE RELATED INFORMATION													
۸.	WASTE TYPE													
	1. UNKNOWN XX				. sc	OLID4.	SLU	IDGE5. G	AS					
I _	WASTE CHARACTER	_		VE		NITABLE T	D	DIOACTIVE 5. H	ĊН		11.4	THE		
_		_	CORROS REACTIV			=		AMMABLE	GH	LYVC	LA	TILE		
	_16. TOXIC	١,,	REACTI	, c	. 11	XXa.	r L.	-MMABLE						
lг	10. OTHER (specify	v).												
i.	WASTE CATEGORIE					·								<del></del>
	. Are records of waste		vailable?	Specify it	ems	such as manifests, i	nve	ntories, etc. below.						
l v	es. Manifests		Inven	ories.										
		-			asu	re) of waste by cat	ego	ory; mark 'X' to indica	ate	which	ı wa	astes are p	res	ent.
	a. SLUDGE		ь. О	IL		c. SOLVENTS	Τ	d. CHEMICALS		e.	SOL	IDS		f. OTHER
A <sub>.</sub> M	OUNT	ΑМ	OUNT	AMOUNT		A	AMOUNT AM		AMCUNT			AMOUNT		
							1			UNIT OF MEASURE			54,120	
UN	IIT OF MEASURE	UN	IT.OF ME	ASURE	ייי	IIT OF MEASÚRÉ	ľ	UNIT OF MEASURE		UNIT OF MEASURE		DOUNDS		
'X'	(1) PAINT, PIGMENTS	'X'	(1) OIL Y WAST	ES	'X'	(1) HALOGENATED SOLVENTS	12	(1) A CIDS	'x'	(1) FL	YAS	н	'X'	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES		(2) O T H E	R(specify):		(2) NON-HALOGNTI SOLVENTS	3	(2) PICKLING LIQUORS		(2) A S	BES	тов		(2) HOSPITAL
	(3) POTW		"N	/A''	F	(3) OTHER(specify)	:	(3) CAUSTICS		(3) MII MII		NG/ TAILINGS		(3) RADIOACTIVE
	(4) A L UMINUM S L UDGE					"N/A"		(4) PESTICIDES		(4) FE SM	RR	OUS G. WASTES		(4) MUNICIPAL
	(5) OTHER(specify):							(5) DYES/INKS		( <sub>6)</sub> NC	N-F	ERROUS G. WASTES	х	(5) OTHER(specify):
	"N/A"							(6) CYANIDE	Ц	(6) O T	HEI	(specify):		aste Paint/ lammable
								(7) PHENOLS	"N/A"		L	iquid and emi-Liquid		
								(8) HALOGENS						·
								(9) PCB						
								(10) METALS						
								(11) OTHER (specify)						
								"N/A"						

#### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Approximately three hundred drums of non-hazardous and ten drums of labeled hazardous waste was noted during the plant visit. Please refer to page  $$^{4}15-3$$ , photograph  $$^{2}-1$$ . These drums have been generated within the past six months.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Inspection reports by the RCRA group of the Virginia State Health Department were not found. Drum status at this facility should be addressed. No signs of waste disposal on site were noted.

on site were noted.		VI. HAZ	ARD DESCRIPT	ION JA
A. TYPE OF HAZARD	B. POTEN- TIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS
1. NO HAZARD	xxx			
2. HUMAN HEALTH				
3. NON-WORKER 1NJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION 6. OF WATER SUPPLY				
6. CONTAMINATION 6. OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION 8. OF SURFACE WATER				
9. DAMAGE TO 9. FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION 11. OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER ( <i>specify</i> ):				
EPA Form T2070-2 (10-79)				Continue On Reverse

#### Continued From Front

Continued From From												
VII. PERMIT INFORMATION												
A. INDICATE ALL APPLI	CABLE PERMITS HELD B	Y THE SITE.										
XX 1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	specify):									
XX 4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPO	RTER									
7. RCRA STORER	8. RCRA TREATER	9. RCRA DISPOSER										
10. OTHER (specify)	·											
B. IN COMPLIANCE?												
XX 1. YES	XX 1. YES											
4. WITH RESPECT TO (list regulation name & number):												
VIII. PAST REGULATORY ACTIONS												
A. NONE B. YES (summarize below)												
	IX. IN	SPECTION ACTIVITY	(past or on-going)									
A. NONE	XX B. YES (complete ite	ms 1,2,3, & 4 below)										
1. TYPE OF ACTIV	2. DATE O PAST ACTI (mo., day, &	ON BY:	4. DESCRIPTION									
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site									
	L	REMEDIAL ACTIVITY	(nast or on-doing)									
		Name of the control o	()200 01 01 65.116/									
XX A. NONE	B. YES (complete ite	ms 1, 2, 3, & 4 below)										
1. TYPE OF ACTIV	2. DATE C PAST ACTI (mo., day, &	ON BY:	4. DESCRIPTION									
	e information in Sections the first page of this	₩	out the Preliminary Assessment (Section II)									

EPA Form T2070-2 (10-79)

**SEPA** 

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

			_
	REGION	SITE NUMBER (to be	as
1		SITE NUMBER (to be signed by Hq)	

III VA-21

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

Assessment). File this form in the Regional Hazardous Waste L Agency; Site Tracking System; Hazardous Waste Enforcement T	og File and s	ubmit a copy to:	U.S. Environmental Protection ., SW; Washington, DC 20460.
I. SITE IDE	NTIFICATION	· · · · · · · · · · · · · · · · · · ·	
A. SITE NAME		r other identifier)	
Reynolds Metals Grottoes Plastic Plant	1	x 128, Cave	rne Pond
c. city	D. STATE	E. ZIP CODE	F. COUNTY NAME
	VA	24441	Augusta (R)
Grottoes G. OWNER/OPERATOR (if known)	1 VA	1 24441	Augusta t
1. NAME			2. TELEPHONE NUMBER
Reynolds Metals Company, Richmond, VA 2326	51		(804) 281-2918
H. TYPE OF OWNERSHIP  1. FEDERAL 2. STATE 3. COUNTY 4. MUN!	CIPAL XX5.	PRIVATE	6. UNKNOWN
I. SITE DESCRIPTION			
Manufacturing Plant for synthetic thermopla	astic from	polyvinyl	chloride polymer.
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)			K. DATE IDENTIFIED (mo., day, & yr.)
Section 103(c) CERCLA Notification			June 1981
L. PRINCIPAL STATÉ CONTACT  1. NAME			2. TELEPHONE NUMBER
,			
B. Wright, Va. State Health Dept.,			
II. PRELIMINARY ASSESSME  V. APPARENT SERIOUSNESS OF PROBLEM	NT (complete	this section las	<u>()</u>
1. HIGH 2. MEDIUM 3. LOW XX 4. NONE	5.	UNKNOWN	
B. RECOMMENDATION			
1. NO ACTION NEEDED (no hazard)		DIATE SITE INSP NTATIVELY SCHE	PECTION NEEDED EDULED FOR:
3. SITE INSPECTION NEEDED  a. TENTATIVELY SCHEDULED FOR:	b. WIL	L BE PERFORME	ED BY:
b. WILL BE PERFORMED BY:	4. SITE	INSPECTION NE	EDED (low priority)
1			
C. PREPARER INFORMATION			
1. NAME		EPHONE NUMBER  225-2835	R 3. DATE (mo., day, & yr.)
Robert Wichser, Kevin Greene		5 225-2802	January 1984
III. SITE II	NFORMATION		
A. SITE STATUS  1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  2. INACTIVE (Those sites which no longer receive wastes.)	Those sites		incidents like "midnight dumping" where the site for waste disposal has occurred.)
B. IS GENERATOR ON SITE?			
☐ 1. NO XX 2. YES (specify gend Site classified as RCRA sto		git SIC Code): 3(	079
C. AREA OF SITE (In acres)  D. IF APPARENT SERIOUSM			
1. LATITUDE (degminse	ec.)		ITUDE (degminsec.)
27.0 N 38°15'30"		W 78	8°49'66"
E. ARE THERE BUILDINGS ON THE SITE?		•	
1. NO XX 2. YES (specify): Please refer to	page #15-	9, photogra	aph #4-1.

001	IV. CHARACTERIZATION OF SITE ACTIVITY												
Ind	icate the major site	e ac	ctivity(i	es) and	detail	s relating to each	acti	vity by marking 'X' is	n th	e app	ropriate boxes	١,	
, X ,	A. TRANSPOR	TEF	3	x' x	8.	STORER	×	C. TREATER	₹		'x'	D. DISPOSER	
	1. RAIL			1. PII	LE			1. FILTRATION			1. LANDFI	LL	
	2. SHIP			2. 5∪	RFAC	E IMPOUNDMENT	$oxedsymbol{\sqcup}$	2. INCINERATION			2. LANDFA	RN	4
$\Box$	3. BARGE			3. DR	RUMS		Ш	3. VOLUME REDUCTION	ON		3. OPEN D	UМ	Р
	4. TRUCK			4. TA	NK, A	BOVE GROUND	Ш	4. RECYCLING/RECO	VEF	Υ	4. SURFAC	E	MPOUNDMENT
$\Box$	5. PIPELINE			X 5. TA	NK, B	ELOW GROUND	$\Box$	5. CHEM./PHYS. TRE	ATM	ENT	5. MIDNIGH	IT.	DUMPING
	6. OTHER (specify):			6. ОТ	THER (	specify):	Ц	6. BIOLOGICAL TREA	TMI	NT	6. INCINE	RAT	TION
			ŀ			In- / . 11	Ш	7. WASTE OIL REPRO	CES	SING	7. UNDER	RC	OUND INJECTION
İ	''N/A''				,	'N/A''	_	8. SOLVENT RECOVE	RY		B. OTHER (	'sp	ocify):
							Ш	9. OTHER (specify):		1			
			l					"N/A"				11	'N/A''
E.	SPECIFY DETAILS	OF	SITE AC	TIVITIE	SASN	IEEDED							
T	The site is presently an active thermoplastic manufacturing plant.												
	-					V. WASTE RELA	TEC	INFORMATION					
Α.	WASTE TYPE		<del></del>										
	]1. UNKNOWN [	] 2.	LIQUID		<u>x</u> }s. s	SOLID4.	SLU	JDGE5. G	AS				
₽.	WASTE CHARACTER					· · · · · · · · · · · · · · · · · · ·							
	1. UNKNOWN	2.	CORROS	IVE [	3. I	GNITABLE4.	RAI	DIOACTIVE XX 5. H	IGHI	_Y V0	LATILE		
		<b>]7</b> .	REACT	VE [	8. 1	NERT XX9.	FL	AMMABLE					
10. OTHER (specify):  C. WASTE CATEGORIES  1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.													
	es, Inventori						<del></del>						
2		unt			meas		tego	ory; mark 'X' to indic	ate T			res	
	a. SLUDGE	_	ь, с	)IL				d. CHEMICALS		e. SOLIDS		f. OTHER	
A,M	OUNT	AM	OUNT		1	AMOUNT		AMOUNT		1 Sec. 41 1		<b> ^</b> `	AUUN I
UN	IT OF MEASURE	UN	IT OF MI	EASURE	100,000/yr		ū	UNIT OF MEASURE		UNIT OF MEASURE			NIT OF MEASURE
						gal							
'x'	(1) PAINT, PIGMENTS	'X'	(1) OIL Y WAST	res	' <u>×</u>	(1) HALOGENATED SOLVENTS	<u> </u>	(1) A CIDS	'×'	1) FL	YASH	'X	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES			ER(speci	ify):	(2) NON-HALOGNT SOLVENTS	₽	(2) PICKLING LIQUORS		(2) A5	BESTOS		(2) HOSPITAL
	(3) POTW		"N	1/A''	-	(3) OTHER(specify)	):  -	(3) CAUSTICS		(3) MIL MIN	LING/ NE TAILINGS	L	(3) RADIOACTIVE
	(4) A LUMINUM SLUDGE							(4) PESTICIDES		(4) FE SM	RROUS LTG. WASTES		(4) MUNICIPAL
$\square$	(5) OTHER(specify):							(5) DYES/INKS	$\sqcup$	3 MI	N-FERROUS LTG. WASTES	$\vdash$	(5) OTHER(specify):
	"N/A"							(6) CYANIDE	Н	(6) O T	HER(specify):		''N/A''
								(7) PHENOLS		**	N/A"		
						(8) HALOGENS							
								(9) PCB					
								(10) ME TALS					
								(11) OTHER (apecify)				1	
								"N/A"					
	j				1		- 1	N/A	1			ſ	

## V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hezerd).

The facility stores a mixture of alcohol in twenty— to thirty—year old metal tanks below ground. (Vol. of each approx. 30,000 gal.) Estimated time of storage of alcohol (5%) batch is six months before removal and incineration for BTU content. (Mixture is concentrated before shipment to 95%.) Drums stored on site should also be reviewed and addressed.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Inspection reports by the RCRA group of the Virginia State Health Department were not found. Drum status at this facility should be addressed. There are no signs of hazardous waste problems stemming before 1980.

			VI. HAZ	ARD DESCRIPTION	ON	
A. TYPE OF HAZARD	POT TIA HAZY (mark	EN- ARD	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo,,day,yt.)	E. REMARKS	ORIGINAL (Red)
1. NO HAZARD						
2. HUMAN HEALTH						
3. NON-WORKER INJURY/EXPOSURE						
4. WORKER INJURY						
5. CONTAMINATION F. OF WATER SUPPLY						
6. CONTAMINATION OF FOOD CHAIN						
7. CONTAMINATION OF GROUND WATER	Х	ζ			Potential exists for a ground metal tanks to	
8. CONTAMINATION 8. OF SURFACE WATER						
9. DAMAGE TO 9. FLORA/FAUNA						
10. FISH KILL						
11. CONTAMINATION OF AIR						
12. NOTICEABLE ODORS						
13. CONTAMINATION OF SOIL		ζ			Potential exists for a ground metal tanks to	
14. PROPERTY DAMAGE						
15. FIRE OR EXPLOSION					,	
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS						
17. SEWER, STORM DRAIN PROBLEMS						
18. EROSION PROBLEMS						
19. INADEQUATE SECURITY						
20. INCOMPATIBLE WASTES				1		
21. MIDNIGHT DUMPING						
22. OTHER (specify):						
			·			

Continued	From	Front

CONTINUE FIOR FIOR													
VII. PERMIT INFORMATION													
A. INDICATE ALL APPLI	A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.												
XX 1. NPDES PERMIT	2. SPCC PLAN	3. STATE PERMIT	specify):										
XX 4. AIR PERMITS	5. LOCAL PERMIT	6. RCRA TRANSPO	RTER										
7. RCRA STORER	8. RCRA TREATER	9. RCRA DISPOSEF	ı										
10. OTHER (specify):													
B. IN COMPLIANCE?													
XX 1. YES													
4. WITH RESPECT 1	TO (list regulation name & r	number):											
VIII. PAST REGULATORY ACTIONS													
A. NONE B. YES (summarize below)													
	IX. IN	SPECTION ACTIVITY	(past or on-going)										
A. NONE	XX B. YES (complete ite	me 1,2,3, & 4 below)											
1. TYPE OF ACTIV	2 DATE O PAST ACTI (mo., day, &	ON BY:	4. DESCRIPTION										
Superfund	1-5-84	State - VA	Assess Potential Hazardous Waste Site.										
	Х.	REMEDIAL ACTIVITY	(past or on-going)										
XX A. NONE	B. YES (complete ite	ms 1, 2, 3, & 4 below)											
1. TYPE OF ACTIV	2. DATE O PAST ACTI (mo., day, &	ON BY:	4. DESCRIPTION										
		1. 22											
	<u></u>												
	e information in Section on the first page of this		out the Preliminary Assessment (Section II)										
inioimation (	we me mar hake or un	2 TOUR!											

EPA Form T2070-2 (10-79)

**SEPA** 

# POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be assigned by Hq)

III

VA-219

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary

Assessment), File this form in the Regional Hazardous waste Langency; Site Tracking System; Hazardous Waste Enforcement Ta	ask Force (EN-	335); 401 M St., S	SW; Washi	ngton, DC 20460.
I. SITE IDEI	NTIFICATION			<u></u>
A. SITE NAME	B. STREET (or	other identifier)		OR
Southern Gravure Service, Inc.		rive and Set		
C. CITY	D. STATE	E. ZIP CODE	F. COUN	ITY NAME
Richmond	VA	23231	Henri	со
G. OWNER/OPERATOR (if known)  1. NAME			2. TELE	PHONE NUMBER
Reynolds Metals Company, Richmond, VA 2326	1		(804)	281-2918
H. TYPE OF OWNERSHIP			1 (00.,	LOT LIVE
1. FEDERAL 2. STATE 3. COUNTY 4. MUNIC	CIPAL XX 5.	PRIVATE 6.	пикиоми	
I. SITE DESCRIPTION				
Active manufacturing facility using the rote	ogravure p	rinting proc	cess.	
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)				(mos, day, & yrs)
Section 103(c) CERCLA Notification				June 1981
L. PRINCIPAL STATE CONTACT				
1. NAME				PHONE NUMBER
B. Wright, Va. State Health Dept. So			(804)	225-2 <b>8</b> 2 <b>2</b>
II. PRELIMINARY ASSESSMEN	NT (complete, t	his section last)		
1. HIGH 2. MEDIUM 3. LOW XX4. NONE	5. t	UNKNOWN		
B. RECOMMENDATION				
XX1. NO ACTION NEEDED (no hazard)		DIATE SITE INSPECTATIVELY SCHEDI		
3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR:	b. WILI	L BE PERFORMED	BY:	
b. WILL BE PERFORMED BY:	4. SITE I	INSPECTION NEED	ED (low pri	iority)
C. PREPARER INFORMATION				
1. NAME	1° 8545	225-2835		3. DATE (mo., day, & yr.)
Robert Wichser, Kevin Greene		225-2802		January 1984
	FORMATION			
A. SITE STATUS  XX 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)  2. INACTIVE (Those sites which no longer receive wastes.)	Those sites to			"midnight dumping" where aste disposal has occurred.)
B. IS GENERATOR ON SITE?				
1. NO XX 2. YES (specify general	rator's four—digi	it SIC Code): 279	<del>3</del> 3	
C. AREA OF SITE (in acres)  D. IF APPARENT SERIOUSN  1. LATITUDE (degminsec				ES min.—sec.)
1.5 N 37°29'30"		₩ 77°]	L9 ' 30''	
E. ARE THERE BUILDINGS ON THE SITE?  1. NO XX 2. YES (specify): Please refer to	page #15-	1, photograp	oh #5−1	•

	IV. CHARACTERIZATION OF SITE ACTIVITY Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.													
	<del>                                     </del>	act			ils	relating to each a	cti	vity by marking 'X' is	n th	e app	rop	riate boxes		
' X '	A. TRANSPOR	TER	- 1	κ' Κ	в. :	STORER	×	C. TREATER	₹		, X ,	0	). D	ISPOSER
	1. RAIL			1. PILE				1. FILTRATION				1. LANDFII	ᄔ	
L	2. SHIP			2. SURFA	CE	MPOUNDMENT	Ц	2. INCINERATION				2. LANDFA	RM	
<u> </u>	3. BARGE			3. DRUMS				3. VOLUME REDUCTI	ON			3. OPEN D	UMI	P
	4. TRUCK			4. TANK,	A E	OVE GROUND		4. RECYCLING/RECO	VE	٩Y		4. SURFAC	E I	MPOUNDMENT
	5. PIPELINE			5. TANK,	BE	LOW GROUND		5. CHEM./PHYS. TRE	A T	MENT		5. MIDNIGH	T	DUMPING
	6. OTHER (specify):			6. OTHE	R (6	pecify):		6. BIOLOGICAL TREA	TM	ENT		6. INCINER	AT	ION
	•		. [					7. WASTE OIL REPRO	CE	SING		7. UNDERG	RC	UND INJECTION
1	"N/A"							8. SOLVENT RECOVE	RY	]		B. OTHER (	ape	ocify):
			ļ					9. OTHER (specify):		- 1				
										- 1				
<u> </u>		<u> </u>						"N/A"	,				11	N/A"
	E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED  The facility is an active manufacturing site.													
Т						V. WASTE RELAT	Er	INFORMATION	•	-				
Α.	WASTE TYPE					TO RESTER INCHES		GAMATION						
	1. UNKNOWN XX	2. L	IQUID	<u> </u>	. sc	OLID4. 9	SLU	DGE5. G	AS					
В.	WASTE CHARACTER	RIST	CS					* * * * * * * * * * * * * * * * * * * *						
	1. UNKNOWN XX	]2. C	ORROS	VE XX3	. 10	NITABLE 4. I	RA	DIOACTIVE5. H	IGH	LY VO	LA	TILE		
	6. TOXIC XX	7. R	EACT	/E8	. IN	IERT9. I	FL	AMMABLE						
	10. OTHER (specify													
	WASTE CATEGORIE  . Are records of waste		ailable;	Specify ite	ms	such as manifests, i	nve	ntories, etc. below.						
				- •		•								
	es, Inventori							· · · · · · · · · · · · · · · · · · ·						
2	2. Estimate the amou	unt(s	pecify	unit of mea	su	re) of waste by cat	ego	ry; mark 'X' to indic	ate	which	w	astes are p	res	ent.
L	a. SLUDGE		ъ. С	IL	c. SOLVENTS			d. CHEMICALS		e. SOLIDS		_	f. OTHER	
AM	OUNT	АМО	UNT		AMOUNT		A	AMOUNT		AMCUNT		AMOUNT		
	.3				0.5			not available						
		וואטן	r.OF ME	ASURE		IIT OF MEASURE	Ű	NIT OF MEASURE	UN	IT OF	ME	ASURE	۱۳۲	IIT OF MEASURE
	ONS (1) PAINT, PIGMENTS	'X' (	1) OIL Y WAST	ES	'x'	(1) HALOGENATED SOLVENTS	†;	т	·x·	(1) FL	YA!	вн	'×	(1) LABORATORY PHARMACEUT.
	(2) METALS SLUDGES	,	2) O T H E	R(specify):	x	(2) NON-HALOGNTE SOLVENTS	٠,	(2) PICKLING LIQUORS		(2) AS	BE:	3TO <b>5</b>		(2)HOSPITAL
	(S) POTW		"N	/A''		(3) OTHER(specify)		(3) CAUSTICS		(3) MIL MIN		NG/ TAILINGS		(3) RADIOACTIVE
<u> </u>	(4) ALUMINUM SLUDGE							(4) PESTICIDES		(4) FE SM	RR LT	OUS G. WASTES		(4) MUNICIPAL
	(в) отнек( <i>epecify):</i> nk/Solvent							(5) DYES/INKS	Ц			FERROUS G. WASTES	-	(B) OTHER(specify):
	ludge W <b>a</b> ste							(6) CYANIDE			HE	R (specify):		"N/A"
							L	(7) PHENOLS			"N	/A"		
								(8) HALOGENS						
								(9) PCB						
								(10) METALS	-					
								к (11) отнек <i>(*pecify)</i> r, Cu, Fe liquo						

#### V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Pickling liquors to date have been combined with solvent waste and is either: 1) vaporized; 2) passed to county sewage; 3) held in a 5,000 gal. waste tank until shipped off site for disposal. There is no sign of waste disposal on site noted.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Feedstocks - Ethanol, butyl acetate blend and acetone used as ink thinners and degreasing are combined with ferric salts. Total = approx. 130 gal/day. Every thirty to forty days this waste is transported off site.

to forty days this wast			ARD DESCRIPTI	ON (AL)
A. TYPE OF HAZARD	B. POTEN- TIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo.,day,yr.)	E. REMARKS
1. NO HAZARD	xxx			
2. HUMAN HEALTH				
3. NON-WORKER 1 NJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION 5. OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION 8. OF SURFACE WATER				
9. DAMAGE TO 9. FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION 11. OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
18. FIRE OR EXPLOSION				· · · ·
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS			i i	
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES			1	
21. MIDNIGHT DUMPING				
22. OTHER (specify):				
		1		

Con	tinued	From	Front

WIL DEDUIT (MEADWATION)								
VII. PERMIT INFORMATION								
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.								
1. NPDES PERMIT	2. SPCC	C PLAN 3. STATE PERMIT(specify):						
4. AIR PERMITS	5. LOCAL	CAL PERMIT 6. RCRA TRANSPORTER						
7. RCRA STORER	8. RCRA	RA TREATER 9. RCRA DISPOSER						
10. OTHER (specify): "N/A"								
B. IN COMPLIANCE?								
. 1. YES [	2. NO		3. UNKNOWN	"N/A"				
4. WITH RESPECT TO (list regulation name & number):								
		VIII. I	PAST REGULATOR	RY ACTIONS				
A. NONE B. YES (summarize below)								
			"N/A"					
		IX. INSPE	CTION ACTIVITY	(past or on-going)				
A. NONE XX B. YES (complete items 1,2,3, & 4 below)								
2. DATE OF 1. TYPE OF ACTIVITY PAST ACTION (mo,, day, & yr.)		PAST ACTION	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION				
Superfund	1-5-84		State - VA	Assess Potential Hazardous Waste Site.				
		X. REM	EDIAL ACTIVITY	(past or on-going)				
XX A. NONE	B. YES (	complete items 1,	<del></del>					
1. TYPE OF ACTIVIT		2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION				
NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.								

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